

Amendments To The Claims:

Please amend the claims as shown.

1 – 13 (canceled)

14. (new) A burner oriented along an axis, comprising:
an annular premixing channel that a fuel is introduced in a radially distributed manner, the radial distribution of the fuel being adjustable during operation of the burner; and
admission devices distributed over the periphery of the premixing channel for the radial admission of the fuel at the respective peripheral position by a plurality of admission holes disposed in the radial direction with a respective hole cross-section,
wherein the hole cross-section of a first set of admission devices increases toward the axis and the hole cross-sections of a second set of admission devices decreases.

15. (new) The burner according to claim 14, wherein the admission holes of the first set and second set are disposed in an alternating manner along the periphery of the premixing channel.

16. (new) The burner according to claim 14, wherein the admission devices of the first set and second set are arranged to follow each other in succession in the axial direction of the premixing channel.

17. (new) The burner according to claim 14, wherein a first and a second fuel supply line extending around the axis with a pressure difference between the fuel pressures in the two fuel supply lines being adjustable in respect of each other as a function of the operating state of the burner.

18. (new) The burner according to claim 17, wherein the first set of admission devices is connected to the first fuel supply line and the second set of admission devices is connected to the second fuel supply line.

19. (new) The burner according to claim 14, wherein the admission devices are small tubes projecting radially into the premixing channel and supply the fuel into the premixing channel.

20. (new) The burner according to claim 14, wherein the admission devices are helical blades projecting radially into the premixing channel and supply the fuel into the premixing channel.

21. (new) The burner according to claim 16, wherein the first set of admission devices comprises small tubes projecting radially into the premixing channel and the second set of admission devices comprises helical blades projecting radially into the premixing channel.

22. (new) The burner according to claim 14, wherein the burner is configured as a gas turbine burner for a stationary gas turbine with an output greater than 50 MW.

23. (new) The burner according to claim 14, wherein the burner has a central diffusion burner enclosed by the premixing channel.

24. (new) A method for operating a gas turbine, comprising:
providing a burner for burning a fuel in air, the burner having an annular premixing channel; and

introducing the fuel into the burner in a radially distributed manner with the radial distribution adjusted as a function of an operating state of the gas turbine,

wherein that during full-load operation of the gas turbine the radial distribution is adjusted such that a homogenous concentration of the mixture of fuel and air results.

25. (new) The method according to claim 24, wherein during partial-load operation of the gas turbine the radial distribution is adjusted such that a range of a local maximum is established in the radial distribution of the concentration of fuel in the fuel/air mixture.

26. (new) The method according to claim 24, wherein the radial distribution is modified if a combustion oscillation occurs with an amplitude that exceeds a predefined limit value.